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=> d his

     (FILE 'HOME' ENTERED AT 03:10:17 ON 28 JAN 2002)

     FILE 'REGISTRY' ENTERED AT 03:10:29 ON 28 JAN 2002
L1                STRUCTURE UPLOADED
L2             46 S L1
L3           1009 S L1 FULL

     FILE 'CA' ENTERED AT 03:11:49 ON 28 JAN 2002
L4            454 S L3
L5            445 S L4 AND PD < NOVEMBER 2000
L6              7 S L5 AND ANTIMYCOBACTERIAL?

     FILE 'CAOLD' ENTERED AT 03:14:20 ON 28 JAN 2002
L7            270 S L3

     FILE 'REGISTRY' ENTERED AT 03:14:50 ON 28 JAN 2002
                E   13410-86-1/RN
L8              1 S E3
                E   2779-55-7/RN
L9              1 S E3
                E    149-17-7/RN
L10             1 S E3
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Connecting via Winsock to STN

Trying 3106016892...Open

Welcome to STN International! Enter x:x
LOGINID:ssspta1612BXR
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2	Sep 17	IMSworld Pharmaceutical Company Directory name change to PHARMASEARCH
NEWS 3	Oct 09	Korean abstracts now included in Derwent World Patents Index
NEWS 4	Oct 09	Number of Derwent World Patents Index updates increased
NEWS 5	Oct 15	Calculated properties now in the REGISTRY/ZREGISTRY File
NEWS 6	Oct 22	Over 1 million reactions added to CASREACT
NEWS 7	Oct 22	DGENE GETSIM has been improved
NEWS 8	Oct 29	AAASD no longer available
NEWS 9	Nov 19	New Search Capabilities USPATFULL and USPAT2
NEWS 10	Nov 19	TOXCENTER(SM) - new toxicology file now available on STN
NEWS 11	Nov 29	COPPERLIT now available on STN
NEWS 12	Nov 29	DWPI revisions to NTIS and US Provisional Numbers
NEWS 13	Nov 30	Files VETU and VETB to have open access
NEWS 14	Dec 10	WPINDEX/WPIDS/WPIX New and Revised Manual Codes for 2002
NEWS 15	Dec 10	DGENE BLAST Homology Search
NEWS 16	Dec 17	WELDASEARCH now available on STN
NEWS 17	Dec 17	STANDARDS now available on STN
NEWS 18	Dec 17	New fields for DPCI
NEWS 19	Dec 19	CAS Roles modified
NEWS 20	Dec 19	1907-1946 data and page images added to CA and CAplus
NEWS 21	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS 22	Jan 25	Searching with the P indicator for Preparations

NEWS EXPRESS	August 15 CURRENT WINDOWS VERSION IS V6.0c, CURRENT MACINTOSH VERSION IS V6.0 (ENG) AND V6.0J (JP), AND CURRENT DISCOVER FILE IS DATED 07 AUGUST 2001
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
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FILE 'HOME' ENTERED AT 03:10:17 ON 28 JAN 2002

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.15	0.15

FILE 'REGISTRY' ENTERED AT 03:10:29 ON 28 JAN 2002
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STRUCTURE FILE UPDATES: 25 JAN 2002 HIGHEST RN 387333-72-4
DICTIONARY FILE UPDATES: 25 JAN 2002 HIGHEST RN 387333-72-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the H/Z/CA/CAplus files between 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches during this period, either directly appended to a CAS Registry Number or by qualifying an L-number with /P, may have yielded incomplete results. As of 1/23/02, the situation has been resolved. Also, note that searches conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files incorporating CAS Registry Numbers with the P indicator between 12/27/01 and 1/23/02, are encouraged to re-run these strategies. Contact the CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698, worldwide, or send an e-mail to help@cas.org for further assistance or to receive a credit for any duplicate searches.

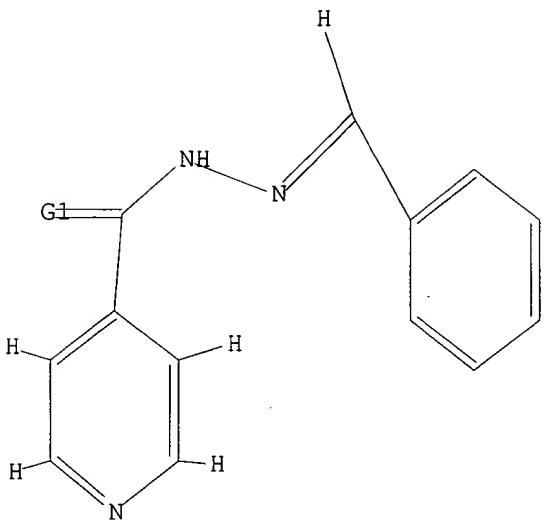
=>
Uploading 9699732a.str

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR



G1 O,S

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 03:11:35 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 374 TO ITERATE

100.0% PROCESSED 374 ITERATIONS 46 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 6320 TO 8640
PROJECTED ANSWERS: 514 TO 1326

L2 46 SEA SSS SAM L1

=> s l1 full

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 139.90 U.S. DOLLARS
DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 03:11:44 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 7960 TO ITERATE

100.0% PROCESSED 7960 ITERATIONS 1009 ANSWERS
SEARCH TIME: 00.00.01

L3 1009 SEA SSS FUL L1

=> file ca

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	140.54	140.69

FILE 'CA' ENTERED AT 03:11:49 ON 28 JAN 2002
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FILE COVERS 1907 - 24 Jan 2002 VOL 136 ISS 5
FILE LAST UPDATED: 24 Jan 2002 (20020124/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

This file supports REG1stRY for direct browsing and searching of all substance data from the REGISTRY file. Enter HELP FIRST for more information.

The CA file now provides online access to patents and literature covered in CA from 1907 to the present. Bibliographic information and abstracts were added in 2001 for over 3.8 million records from 1907-1966.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

The CA Lexicon is now available in the Controlled Term (/CT) field. Enter HELP LEXICON for full details.

Attention, the CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

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=> s l3

L4          454 L3

=> s l4 and pd < november 2000

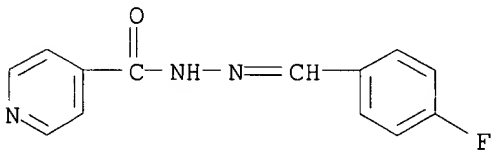
      20047988 PD < NOVEMBER 2000
                 (PD<20001100)
L5          445 L4 AND PD < NOVEMBER 2000

=> s l5 and antimycobacterial?
```

880 ANTIMYCOBACTERIAL?
L6 7 L5 AND ANTIMYCOBACTERIAL?

=> d l6, ibib abs fhitstr, 1-7

L6 ANSWER 1 OF 7 CA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 132:329080 CA
TITLE: Isoniazid-related copper(II) and nickel(II) complexes with **antimycobacterial** in vitro activity. Part 9
AUTHOR(S): Bottari, B.; Maccari, R.; Monforte, F.; Ottana, R.; Rotondo, E.; Vigorita, M. G.
CORPORATE SOURCE: Dipartimento Farmaco-chimico, Facolita di Farmacia, Universita di Messina, Messina, 98168, Italy
SOURCE: Bioorg. Med. Chem. Lett. (**2000**), 10(7), 657-660
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Isonicotinoylhydrazones (HL) obtained from the primary antituberculosus agent Isoniazid were used as monoanionic ligands (L) to prep. Cu(II) and Ni(II) octahedral complexes [ML2(H2O)2]. Their **antimycobacterial** in vitro activity was evaluated against M. tuberculosis H37Rv in comparison with the ligands. Some complexes displayed MIC values .ltoreq.
0.2 .mu.g/mL.
IT **86189-87-9**
RL: RCT (Reactant)
(for prepn. of copper or nickel isonicotinoylhydrazone complexes)
RN 86189-87-9 CA
CN 4-Pyridinecarboxylic acid, [(4-fluorophenyl)methylene]hydrazide (9CI) (CA
INDEX NAME)



REFERENCE COUNT: 28 THERE ARE 28 CITED REFERENCES AVAILABLE FOR THIS
RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

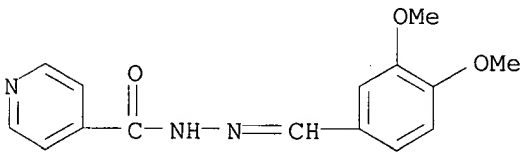
L6 ANSWER 2 OF 7 CA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 132:205321 CA
TITLE: Minimal inhibitory concentration and minimal bactericidal concentration determination of isonicotinic acid derivatives against Mycobacterium tuberculosis
AUTHOR(S): Sato, D. N.; Bacha, C. T. M.; Garibott, D.; Bottcher, M.; Errera, M. C.; Presotto, P.; Melles, Carmo Elias

Andrade
CORPORATE SOURCE: Instituto Adolfo Lutz, Laboratorio I de Ribeirao Preto, Brazil
SOURCE: Rev. Inst. Adolfo Lutz (**1999**), 58(1), 25-29
CODEN: RIALA6; ISSN: 0073-9855
PUBLISHER: Instituto Adolfo Lutz
DOCUMENT TYPE: Journal
LANGUAGE: Portuguese

AB Tuberculosis still remains as a worldwide public health problem with high morbidity and mortality in developing countries. The increase of strains of M. tuberculosis that are resistant to **antimycobacterial** agents is a worldwide problem. Consequently, it is urgently necessary to develop **antimycobacterial** drugs which are more effective that those used in conventional treatment of tuberculosis. Twelve isonicotinic acid derivs. were evaluated for in vitro activity against M. tuberculosis H37Ra-ATCC 25177. The MIC and minimal bactericidal concn. (MBC) of M. tuberculosis H37Ra was detd. by broth macrodilution method. -He MIC of all derivs. showed a range of 0.062 0.250 .mu.g/mL. In general, the MBC values for all derivs. were 2-fold higher than their corresponding MICs values. These MICs and MBCs values are close to isoniazid, considered the gold std. in this study.

IT **93-47-0**
RL: BAC (Biological activity or effector, except adverse); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(inhibitory activity of isonicotinic acid derivs. against Mycobacterium tuberculosis)

RN 93-47-0 CA
CN 4-Pyridinecarboxylic acid, [(3,4-dimethoxyphenyl)methylene]hydrazide (9CI)
(CA INDEX NAME)



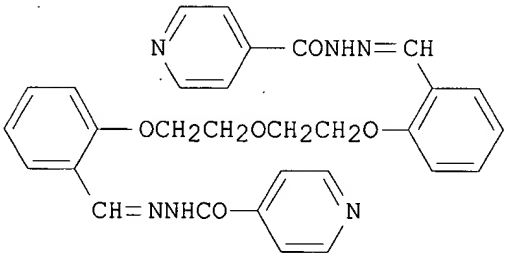
162

L6 ANSWER 3 OF 7 CA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 132:12262 CA
TITLE: Polyether hydrazines and hydrazones as selective **antimycobacterial** agents
INVENTOR(S): Chupakhin, Oleg Nikolaevich; Fedorova, Olga Vasilievna; Rusinov, Gennady Leonidovich; Mordovskoi, Georgy Georgievich; Khomenko, Alexandr Grigorievich; Golyshevskaya, Valentina Ivanovna; Zueva, Marina Nikolaevna; Ovchinnikova, Irina Georgievna
PATENT ASSIGNEE(S): Institut Organicheskogo Sinteza Uralskogo Otdeleniya Rossiiskoi Akademii Nau, Russia
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: Russian
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
WO 9959961	A1	19991125	WO 1999-RU165	19990518	<--
W: CA, CN, JP, KR, US					
RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
RU 2137750	C1	19990920	RU 1998-109494	19980519	<--
EP 1081131	A1	20010307	EP 1999-922691	19990518	
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE					

PRIORITY APPLN. INFO.: RU 1998-109494 A 19980519
WO 1999-RU165 W 19990518
OTHER SOURCE(S): MARPAT 132:12262
GI

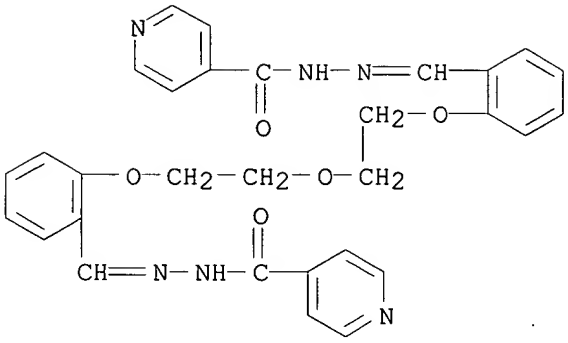


I

AB Title compds. such as I, and some of their metal complexes, were prepd. and tested as **antimycobacterial** agents. Thus, a suspension of 0.94 g 1,5-bis(2-formylphenoxy)-3-oxapentane and 0.83 g isonicotinic acid hydrazide in 20 mL 80% ethanol was subjected to ultrasound irradn. (22 kHz) for 3-5 min to give a 95% yield of I. The products showed high **antimycobacterial** activity against several strains in vitro; one compd. was also tested in guinea pigs.

IT **251364-96-2P**
RL: BAC (Biological activity or effector, except adverse); RCT (Reactant);
SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
(polyether hydrazines and hydrazones as selective **antimycobacterial** agents)

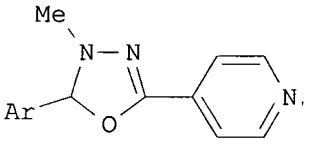
RN 251364-96-2 CA
CN 4-Pyridinecarboxylic acid, [oxybis(2,1-ethanediyloxy-2,1-phenylenemethylidyne)]dihydrazide (9CI) (CA INDEX NAME)



REFERENCE COUNT: 6 THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE

FORMAT

L6 ANSWER 4 OF 7 CA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 124:50481 CA
TITLE: 2-(4-Pyridyl)-.DELTA.2-1,3,4-oxadiazolines from isonicotinoylhydrazones and diazomethane as potential **antimycobacterial** and anti-HIV agents. V
AUTHOR(S): Vigorita, Maria Gabriella; Ottana, Rosaria; Zappala, Carmela; Maccari, Rosanna; Pizzimenti, Francesco C.; Gabbrielli, Gabriele
CORPORATE SOURCE: Facolta Farmacia, Univ. Messina, Messina, 98168, Italy
SOURCE: Farmaco (**1995**), 50(11), 783-6
CODEN: FRMCE8
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



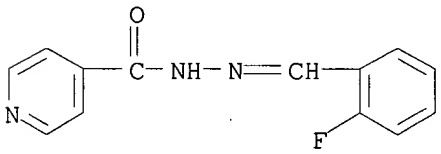
I

AB The 5-aryl-4-methyl-2-(4-pyridyl)-.DELTA.2-1,3,4-oxadiazolines, previously synthesized along with isomer 4-aryl-1-methoxy-1-(4-pyridyl)-2,3-diaza-1,3-butadienes from benzaldehyde isonicotinoylhydrazones and diazomethane, were tested for in vitro activity against both Mycobacterium tuberculosis and some atypical mycobacterial strains as well as against human immunodeficiency virus (HIV-1). Some halophenyl derivs.(I (Ar=3-chlorophenyl), II (Ar=3-triflouromethylphenyl), III (Ar=2,4-dichlorophenyl), and IV (Ar=3,4-dichlorophenyl)) were found to display MIC ranges from 1 to 10 .mu.g/mL against H 37 Rv and a clin. isolate tubercular strain, whereas against M. avium (MAC) the MICs were higher than 20 .mu.g/mL. When the combinations of oxadiazolines with

ethambutol, acting as an inhibitor of cell wall synthesis, were assayed on
MAC strain a synergistic effect was demonstrated for trifluoromethyl derivs. The **antimycobacterial** profiles of 4-aryl-1-methoxy-1-(4-pyridyl)-2,3-diaza-1,3-butadienes and 5-aryl-4-methyl-2-(4-pyridyl)-.DELTA.2-1,3,4-oxadiazolines analogs are compared and discussed. As is the case for 4-aryl-1-methoxy-1-(4-pyridyl)-2,3-diaza-1,3-butadienes, no substantial anti-HIV in vitro activity was found in selected .DELTA.2-oxadiazolines; a moderate cytotoxicity, however, appears to be a common property.

IT **144293-93-6**
RL: RCT (Reactant)
(reaction with diazomethane)

RN 144293-93-6 CA
CN 4-Pyridinecarboxylic acid, [(2-fluorophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)



102

L6 ANSWER 5 OF 7 CA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 122:314426 CA
TITLE: Halogenated isoniazid derivatives as possible **antimycobacterial** and anti-HIV agents - III
AUTHOR(S): Vigorita, Maria Gabriella; Ottana, Rosaria; Zappala, Carmela; Maccari, Rosanna; Pizzimenti, Francesco C.; Gabbrielli, Gabriele
CORPORATE SOURCE: Dip. Farm.-Chim., Fac. Farm., Messina, 98168, Italy
SOURCE: Farmaco (**1994**), 49(12), 775-81
CODEN: FRMCE8
DOCUMENT TYPE: Journal
LANGUAGE: English
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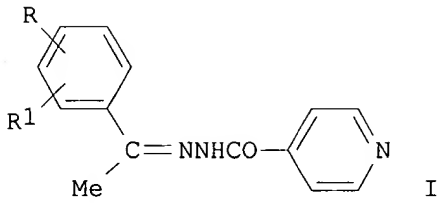

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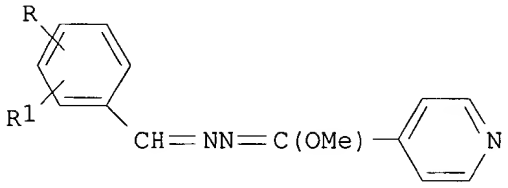


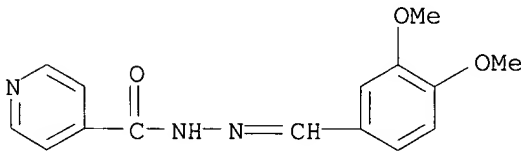
II

AB Acetophenone isonicotinoylhydrazones (I, R = H, 2-Cl, 3-F, etc.; R1 = 2-F, 4-OMe, etc.) and 4-aryl-1-methoxy-1-(4-pyridyl)-2,3-diaza-1,3-butadienes (II, same R = H, 3-Cl, etc.; R1 = H, 4-CF3, etc.), obtained by reaction between isonicotinoylhydrazones and diazomethane, have been prepd. and tested for **antimycobacterial** and anti-HIV activities. Both classes of derivs. showed interesting growth inhibitory activity on nontubercular mycobacteria, including the emerging M. avium. Such activity appears to be linked to fluorine and/or chlorine presence on the benzene rings. In contrast, none of the compds. submitted to the anti-AIDS in vitro screening displayed any protection against HIV-1 virus-induced cytopathic effect in T4-lymphocyte cell lines.

IT **93-47-0**
RL: RCT (Reactant)
(prepn. of halogenated isoniazid derivs. as **antimycobacterial** and anti-HIV agents)

RN 93-47-0 CA

CN 4-Pyridinecarboxylic acid, [(3,4-dimethoxyphenyl)methylene]hydrazide (9CI)
(CA INDEX NAME)



L6 ANSWER 6 OF 7 CA COPYRIGHT 2002 ACS

ACCESSION NUMBER: 117:225742 CA

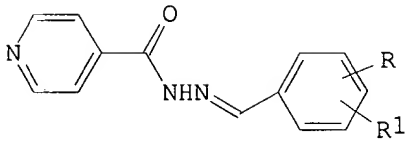
TITLE: Halogenated isoniazid derivatives as possible antitubercular and antineoplastic agents. Note 1

AUTHOR(S): Vigorita, Maria Gabriella; Basile, Maria; Zappala, Carmela; Gabbrielli, Gabriele; Pizzimenti, Francesco

CORPORATE SOURCE: Fac. Farm., Univ. Messina, Messina, 98168, Italy

SOURCE: Farmaco (**1992**), 47(6), 893-906

CODEN: FRMCE8
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



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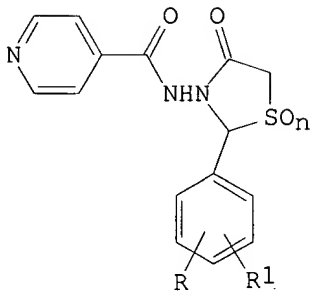
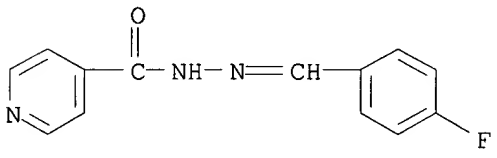


II, n=0
III, n=2

AB Isonicotinic acid arylhydrazones (I; R = Cl, F, or H; R1 = Cl, F, CF3, or OMe) were prepd. by reaction of isonicotinic acid hydrazine and the appropriate halogen-substituted benzaldehydes. Reaction of I with excess mercaptoacetic acid in refluxing anhyd. PhMe gave the corresponding 2-aryl-1,3-thiazolidin-4-ones (II), which, in turn, when oxidized by KMnO4 in HOAc, gave the corresponding sulfones (III). I, II, and III were tested in vitro for antibacterial (esp. **antimycobacterial**), fungicidal, and antitumor (screening against 60 tumor cell lines) activities. None showed marked antimicrobial effects. Compds. bearing 3-fluoro or 3-chlorophenyl substituents had selective inhibitory effects against non-small-cell lung cancer, and those with p-Ph substituents had selective antileukemic properties. Some correlations between structure and antitumor activity are discussed.

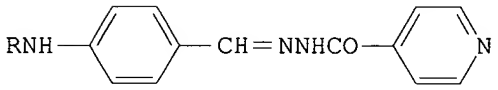
IT **86189-87-9P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and reaction with mercaptoacetic acid and pharmacol. of)
RN 86189-87-9 CA
CN 4-Pyridinecarboxylic acid, [(4-fluorophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)



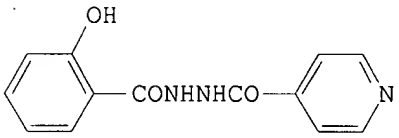
L6 ANSWER 7 OF 7 CA COPYRIGHT 2002 ACS
ACCESSION NUMBER: 89:146730 CA
TITLE: **Antimycobacterial** agents. Part I. Synthesis of some isoniazide derivatives and related

compounds

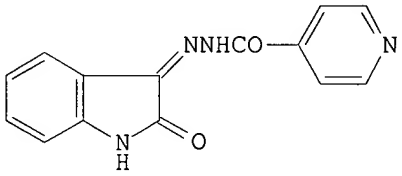
AUTHOR(S): Umar, Muhammad; Alam, Mahbub
CORPORATE SOURCE: Inst. Chem., Punjab Univ., Lahore, Pak.
SOURCE: Indian Chem. J. (**1978**), 12(12), 16-19
CODEN: ICLJAG; ISSN: 0019-4514
DOCUMENT TYPE: Journal
LANGUAGE: English
GI



I

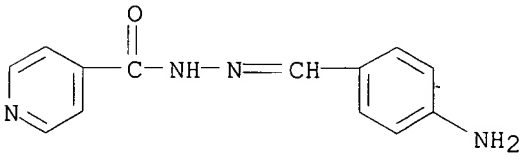


II



III

AB Hydrazone I (R = H) was prepd. by condensation of p-H2NC6H4CHO with isonicotinic acid hydrazide; I (R = Ac, EtCO) were prepd. by acylation of I (R = H). Condensation of Me salicylate and isonicotinic hydriazide gave
II. P-RNHC6H4CONHNHR1 (R1 = 4-pyridyl, R = H, Ac), III, p-RNHC6H4CH:NNHCSNH2 and 3,4,5-(MeO)3C6H2CH:NNHCOR1 were also prepd.
IT **6419-33-6P**
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation)
(prepn. and acylation of)
RN 6419-33-6 CA
CN 4-Pyridinecarboxylic acid, [(4-aminophenyl)methylene]hydrazide (9CI) (CA INDEX NAME)



=> d his

(FILE 'HOME' ENTERED AT 03:10:17 ON 28 JAN 2002)

FILE 'REGISTRY' ENTERED AT 03:10:29 ON 28 JAN 2002
L1 STRUCTURE UPLOADED

```
L2            46 S L1
L3          1009 S L1 FULL

     FILE 'CA' ENTERED AT 03:11:49 ON 28 JAN 2002
L4           454 S L3
L5           445 S L4 AND PD < NOVEMBER 2000
L6             7 S L5 AND ANTIMYCOBACTERIAL?

=> file caold

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                         ENTRY    SESSION
FULL ESTIMATED COST                                      33.64     174.33

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                         ENTRY    SESSION
CA SUBSCRIBER PRICE                                      -4.13      -4.13

FILE 'CAOLD' ENTERED AT 03:14:20 ON 28 JAN 2002
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907-1966
FILE LAST UPDATED:  01 May 1997 (19970501/UP)

  This file contains CAS Registry Numbers for easy and accurate
  substance identification.  Title keywords, authors, patent
  assignees, and patent information, e.g., patent numbers, are
  now searchable from 1907-1966.  TIFF images of CA abstracts
  printed between 1907-1966 are available in the PAGE
  display formats.

  This file supports REG1stRY for direct browsing and searching of
  all substance data from the REGISTRY file.  Enter HELP FIRST for
  more information.

=> d his


     (FILE 'HOME' ENTERED AT 03:10:17 ON 28 JAN 2002)

     FILE 'REGISTRY' ENTERED AT 03:10:29 ON 28 JAN 2002
L1                STRUCTURE UPLOADED
L2            46 S L1
L3          1009 S L1 FULL

     FILE 'CA' ENTERED AT 03:11:49 ON 28 JAN 2002
L4           454 S L3
L5           445 S L4 AND PD < NOVEMBER 2000
L6             7 S L5 AND ANTIMYCOBACTERIAL?

     FILE 'CAOLD' ENTERED AT 03:14:20 ON 28 JAN 2002

=> s l3
```

L7 270 L3

=> d l7, all, 1-4

L7 ANSWER 1 OF 270 CAOLD COPYRIGHT 2002 ACS
AN CA65:16794g CAOLD
TI detn. of isoniazid and aconiazid by titration with N-bromosuccinimide
AU Radecka, Czeslawa; Nigam, I. C.
IT 54-85-3 128-08-5 **13410-86-1**

L7 ANSWER 2 OF 270 CAOLD COPYRIGHT 2002 ACS
AN CA65:14294b CAOLD
TI streptomycin electroaerosols
AU Vlasov, A. I.; Potravnova, R. S.; Naumov, G. P.; Eidel'shtein, S. I.
IT **2779-55-7**

L7 ANSWER 3 OF 270 CAOLD COPYRIGHT 2002 ACS
AN CA65:11321b CAOLD
TI circular thin-layer chromatography of aromatic and .alpha.,.beta.-unsatd. aldehydes
AU Hashmi, Manzur-ul H.; Shahid, M. A.
IT **93-47-0** 120-57-0 **149-17-7** **495-84-1**
735-97-7 4813-11-0 6956-53-2 **13059-77-3** 13059-78-4
97103-27-0

L7 ANSWER 4 OF 270 CAOLD COPYRIGHT 2002 ACS
AN CA65:10906e CAOLD
TI female sex hormones in complex chemotherapy of tuberculosis
AU Bonashevskaya, T. I.
IT **149-17-7**

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.60	176.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-4.13

FILE 'REGISTRY' ENTERED AT 03:14:50 ON 28 JAN 2002
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STRUCTURE FILE UPDATES: 25 JAN 2002 HIGHEST RN 387333-72-4
DICTIONARY FILE UPDATES: 25 JAN 2002 HIGHEST RN 387333-72-4

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

The P indicator for Preparations was not generated for all of the CAS Registry Numbers that were added to the H/Z/CA/CAplus files between 12/27/01 and 1/23/02. Use of the P indicator in online and SDI searches during this period, either directly appended to a CAS Registry Number or by qualifying an L-number with /P, may have yielded incomplete results. As of 1/23/02, the situation has been resolved. Also, note that searches conducted using the PREP role indicator were not affected.

Customers running searches and/or SDIs in the H/Z/CA/CAplus files incorporating CAS Registry Numbers with the P indicator between 12/27/01 and 1/23/02, are encouraged to re-run these strategies. Contact the CAS Help Desk at 1-800-848-6533 in North America or 1-614-447-3698, worldwide, or send an e-mail to help@cas.org for further assistance or to receive a credit for any duplicate searches.

```
=> e   13410-86-1/rn

E1            1     13410-82-7/RN
E2            1     13410-84-9/RN
E3            1 --> 13410-86-1/RN
E4            1     13410-90-7/RN
E5            1     13410-91-8/RN
E6            1     13410-92-9/RN
E7            1     13410-93-0/RN
E8            1     13410-94-1/RN
E9            1     13410-95-2/RN
E10           1     13410-96-3/RN
E11           1     13410-98-5/RN
E12           1     13410-99-6/RN

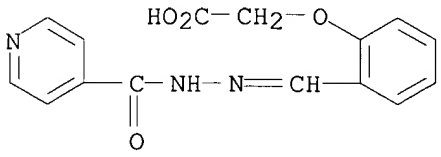
=> s e3

L8            1 13410-86-1/RN

=> d l8


L8   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2002 ACS
RN   13410-86-1  REGISTRY
CN   4-Pyridinecarboxylic acid, [[2-(carboxymethoxy)phenyl]methylene]hydrazide
     (9CI)  (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN   Isonicotinic acid, [o-(carboxymethoxy)benzylidene]hydrazide (6CI, 7CI,
     8CI)
OTHER NAMES:
CN   1-[2-(Carboxymethoxy)benzylidene]-2-isonicotinoylhydrazine
CN   Aconiazide
CN   Cpd 377
CN   Isonicophen
```

CN Phenoxalid
FS 3D CONCORD
MF C15 H13 N3 O4
LC STN Files: BEILSTEIN*, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, DDFU, DRUGNL, DRUGU, DRUGUPDATES, EMBASE, IPA, MEDLINE, PROMT, RTECS*, TOXCENTER, TOXLIT, USAN, USPATFULL
(*File contains numerically searchable property data)
Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

6 REFERENCES IN FILE CA (1967 TO DATE)
6 REFERENCES IN FILE CAPLUS (1967 TO DATE)
3 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e 2779-55-7/rn

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E2	1	2779-54-6/RN
E3	1 -->	2779-55-7/RN
E4	1	2779-57-9/RN
E5	1	2779-58-0/RN
E6	1	2779-59-1/RN
E7	1	2779-60-4/RN
E8	1	2779-62-6/RN
E9	1	2779-65-9/RN
E10	1	2779-66-0/RN
E11	1	2779-69-3/RN
E12	1	2779-73-9/RN

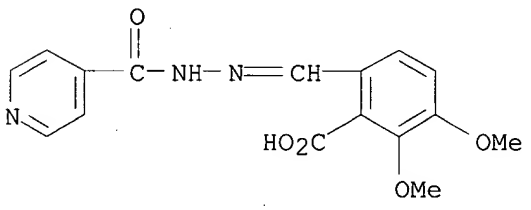
=> s e3

L9 1 2779-55-7/RN

=> d l9

L9 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN **2779-55-7** REGISTRY
CN 4-Pyridinecarboxylic acid, [(2-carboxy-3,4-dimethoxyphenyl)methylene]hydrazide (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Phthalaldehydic acid, 5,6-dimethoxy-, 2-(isonicotinoylhydrazone) (8CI)
CN Phthalaldehydic acid, 5,6-dimethoxy-, isonicotinoylhydrazone (6CI, 7CI)

OTHER NAMES:
CN 1-(2-Carboxy-3,4-dimethoxybenzylidene)-2-isonicotinoylhydrazine
CN Benzoic acid, 2,3-dimethoxy-6-[[(4-pyridinylcarbonyl)hydrazono]methyl]-
CN Opiniazide
CN Saluside
CN Saluzid
CN Saluzide
FS 3D CONCORD
MF C16 H15 N3 O5
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CAOLD, CAPLUS, CHEMCATS, DDFU, DRUGU, EMBASE, IPA, MEDLINE, MRCK*, RTECS*, TOXCENTER, TOXLIT, USAN
      (*File contains numerically searchable property data)
    Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

63 REFERENCES IN FILE CA (1967 TO DATE)
6 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
63 REFERENCES IN FILE CAPLUS (1967 TO DATE)
27 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> e 149-17-7/rn

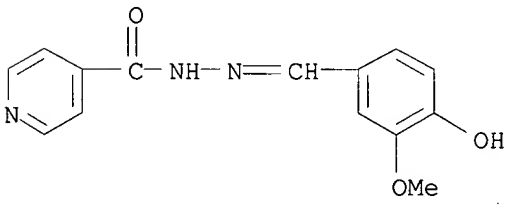
E1 1 149-15-5/RN
E2 1 149-16-6/RN
E3 1 --> 149-17-7/RN
E4 1 149-19-9/RN
E5 1 149-20-2/RN
E6 1 149-21-3/RN
E7 1 149-22-4/RN
E8 1 149-23-5/RN
E9 1 149-24-6/RN
E10 1 149-26-8/RN
E11 1 149-29-1/RN
E12 1 149-30-4/RN

=> s e3

L10 1 149-17-7/RN

=> d l10

L10 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2002 ACS
RN **149-17-7** REGISTRY
CN 4-Pyridinecarboxylic acid,
[(4-hydroxy-3-methoxyphenyl)methylene]hydrazide
(9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:
CN Isonicotinic acid, vanillylidenehydrazide (6CI, 8CI)
OTHER NAMES:
CN Ftivazid
CN Ftivazide
CN N-Isonicotinamido-3-methoxy-4-hydroxybenzalimine
CN Phthivazid
CN Phthivazide
CN Vanicid
CN Vanillaberon
CN Vanizide
FS 3D CONCORD
MF C14 H13 N3 O3
CI COM
LC STN Files: ANABSTR, BEILSTEIN*, BIOBUSINESS, BIOSIS, CA, CANCERLIT, CAOLD, CAPLUS, CASREACT, CHEMCATS, DDFU, DRUGU, EMBASE, GMELIN*, IPA, MEDLINE, RTECS*, SPECINFO, TOXCENTER, TOXLIT, USAN
(*File contains numerically searchable property data)
Other Sources: WHO



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

128 REFERENCES IN FILE CA (1967 TO DATE)
11 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
128 REFERENCES IN FILE CAPLUS (1967 TO DATE)
100 REFERENCES IN FILE CAOLD (PRIOR TO 1967)

=> d his

(FILE 'HOME' ENTERED AT 03:10:17 ON 28 JAN 2002)

FILE 'REGISTRY' ENTERED AT 03:10:29 ON 28 JAN 2002
L1 STRUCTURE UPLOADED
L2 46 S L1
L3 1009 S L1 FULL

```
     FILE 'CA' ENTERED AT 03:11:49 ON 28 JAN 2002
L4           454 S L3
L5           445 S L4 AND PD < NOVEMBER 2000
L6             7 S L5 AND ANTIMYCOBACTERIAL?

     FILE 'CAOLD' ENTERED AT 03:14:20 ON 28 JAN 2002
L7           270 S L3

     FILE 'REGISTRY' ENTERED AT 03:14:50 ON 28 JAN 2002
                 E   13410-86-1/RN
L8             1 S E3
                 E   2779-55-7/RN
L9             1 S E3
                 E    149-17-7/RN
L10            1 S E3

=>

---Logging off of STN---


=>
Executing the logoff script...

=> LOG Y

COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     6.34     183.27

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -4.13

STN INTERNATIONAL LOGOFF AT 03:17:32 ON 28 JAN 2002


Connection closed by remote host
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